



National  
Aeronautics and  
Space  
Administration

09-21-04

1635  
BFW

Express mail Certificate No. ET223816469US

Patent Application

**Petition and Fee for Extension of Time (37 CFR 1.136(a))**

In re Application of: Thomas J. Goodwin et al      NASA Case No.: MSC-22859-4-CU  
Serial No.: to be determined      Examiner: Karen Lacourciere  
Confirmation No.:      Group Art Unit: 1635  
Filed: 9/20/04  
Entitled: Production of Functional Proteins: Balance of Shear Stress and Gravity

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

Sir:

1. This is a petition for extension of time to respond to the Office Action dated 03/24/2004  
with a response period of 3 month(s).

2. Applicant is other than small entity.

3. The period of time requested and resultant fee is as indicated below:

<u>Time</u>	<u>Fee</u>
<input type="checkbox"/> One Month	_____
<input type="checkbox"/> Two Months	_____
<input checked="" type="checkbox"/> Three Months	\$950.00
<input type="checkbox"/> Four Months	_____
<input type="checkbox"/> Five Months	_____

4. A(n) See PTO/SB/21 (Transmittal Form) for list of attachments

☒ Is filed herewith

☐ Has been filed

5. Charge the fee as indicated above to Deposit Account No. 14-0116. If the above fee is incorrect, any excess may be charged to this Deposit Account. This charge only pertains to an extension of time in accordance with R1.17.

September 20, 2004  
(Date)

James M. Cate  
James M. Cate, Reg., 25,181  
(Attorney of Record) (Registration Number)

10/04/2004 LWONDIW 00000121 140116 09532001  
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PTO/SB/05 (04-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	<b>Attorney Docket No.</b>	MSC-22859-4-CU
	<b>First Inventor</b>	Thomas J. Goodwin
	<b>Title</b>	Production of Functional Proteins: Balance of Shear Stress and Gravity
	<b>Express Mail Label No.</b>	ET223816469US

17497 U.S. PTO  
10947786

092004

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 35]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
5. Oath or Declaration [Total Sheets       ]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☒ Paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [ ] Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure [ ] Copies of IDS Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: See PTO/SB/21 for list of attachments

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation      ☐ Divisional      ☐ Continuation-in-part (CIP)      of prior application No. 09/532001

Prior application information:

Examiner Karen Lacourciere

Art Unit: 1635

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☐ Customer Number:  OR ☒ Correspondence address below

Name	NASA Johnson Space Center, Attn: HA/James M. Cate				
Address	2101 NASA Road 1				
City	Houston	State	TX	Zip Code	77058
Country	USA	Telephone	281-483-1001	Fax	281-244-8452

Name (Print/Type)	James M., Cate	Registration No. (Attorney/Agent)	25,181
Signature	<i>James M. Cate</i>	Date	9/20/2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.